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(54) **LIGHT DISTRIBUTION METHOD FOR COB MODULE LED STREET LAMP LENS CAPABLE OF ILLUMINATING 3-5 LANES**

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See application file for complete search history.

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(57) **ABSTRACT**

The invention relates to a light distribution method for a COB module LED street lamp lens capable of illuminating 3 or 5 lanes. The light distribution method is characterized in that the light emitted by a COB module LED light source is firstly refracted by a drop-shaped refraction lens and then refracted secondarily by a light distribution curved surface lens to achieve an optimal irradiation effect. The light distribution method provides a foundation for the use of a single COB module LED light source in an urban road, and has the advantages of low cost and high efficiency.

7 Claims, 14 Drawing Sheets